In the Claims:

Please cancel claim 1, without prejudice; and amend claims 2, 4, 5 and 8. The status of the claims is as follows:

1. (Canceled)

2. (Currently Amended) The disk control unit as set forth in ~~claim 1~~ claim 4, wherein said transfer command includes an instruction for writing or reading data, a transfer mode, and a transfer rate.

3. (Original) The disk control unit as set forth in claim 2, wherein said clock control part selects the value of a minimum operation clock required to execute said transfer command.

4. (Currently Amended) A disk drive for writing and reading data in accordance with a transfer command received from a host device, said disk drive comprising:

~~a disk control unit as set forth in claim 1;~~

a disk control unit including a clock control part that sets an operation clock used by the disk drive based on the transfer command, and a disk control part that controls writing and reading based on the transfer command;

an interface that inputs and outputs data from and to said host device;

a memory that temporarily holds the data;

an operation clock generation part that changes ~~an~~ the operation clock used by said disk control unit, said interface and said memory based on ~~a~~ the setting of said operation clock;

a recording medium that holds data;

a read and write part that writes data into said recording medium or reads data from said recording medium; and

a mechanism that controls the position of writing or reading in said recording medium.

5. (Currently Amended) A disk control method for controlling a disk drive in accordance with a transfer command received from a host device, said disk control method comprising the steps of:

setting an operation clock used by said disk drive based on said transfer command; and

changing the operation clock used by said disk drive based on said setting of the operation clock; and

controlling writing and reading based on said transfer command.

6. (Original) The disk control method as set forth in claim 5, wherein said transfer command includes an instruction for writing or reading data, a transfer mode, and a transfer rate.

7. (Original) The disk control method as set forth in claim 6, wherein said setting is to select the value of a minimum operation clock required to execute said transfer command.

8. (Currently Amended) A disk control program for making a computer implement a disk control method for controlling a disk drive in accordance with a transfer command received from a host device, said disk control program being operable to make said computer perform the steps comprising:

setting an operation clock used by said disk drive based on said transfer command; and

changing the operation clock used by said disk drive based on said setting of the operation clock; and

controlling writing and reading based on said transfer command.

9. (Original) A disk control program as set forth in claim 8, wherein said transfer command include an instruction for writing or reading data, a transfer mode, and a transfer rate.

10. (Original) The disk control program as set forth in claim 9, wherein said setting is to select the value of a minimum operation clock required to execute said transfer command.